



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

WILLIAM D. HITZ

CASE NO.: BB1077USDIV

APPLICATION NO.: 10/718952

CONFIRMATION NO.: 4183

GROUP ART UNIT: 1638

EXAMINER: MEDINA IBRAHIM

FILED: November 21, 2003

FOR: SOYBEAN PLANT PRODUCING SEEDS WITH REDUCED LEVELS OF
RAFFINOSE SACCHARIDES AND PHYTIC ACID

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with 37 C.F.R. §§1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office the information listed on the enclosed PTO/SB/08A and/or PTO/SB/08B forms. A copy of the information, if required, is also enclosed. Consideration of the information is requested under 37 C.F.R. § 1.56 and this information is submitted in accord with the provisions of §1.97(c): after the period specified in §1.97(b) but before the mailing of a Final Office Action, or a Notice of Allowance, or any other action that closes prosecution.

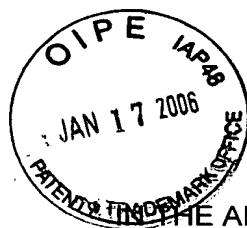
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Respectfully submitted,

Lynne M. Christenbury
LYNNE M. CHRISTENBURY
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01/18/2006 MBLANCO 00000001 041928 10718952
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Dated: January 17, 2006



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Attorney for Applicants

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Sheet 1 of 1

<i>Complete if Known</i>	
Application Number	10/718952
Filing Date	November 21, 2003
First Named Inventor	WILLIAM D. HITZ
Group Art Unit	1638
Examiner Name	MEDINA AHMED IBRAHIM
Attorney Docket Number	BB107ZLUSDIV

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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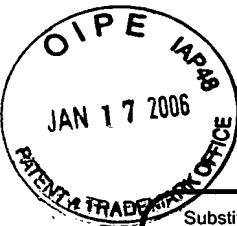
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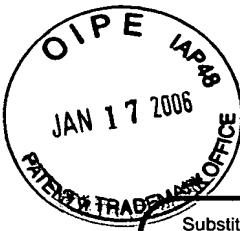
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	JOHN ERDMAN ET AL., SOY PROTEIN PRODUCTS, "CHARACTERISTICS, NUTRITIONAL ASPECTS AND UTILIZATION, SOY PROTEIN COUNCIL, PP. 1-43, 1987	<input type="checkbox"/>
	2	P.M. DEY, D-GALACTOSE-CONTAINING OLIGOSACCHARIDES, DEPARTMENT OF BIOCHEMISTRY, CHAPTER 2, PP. 53-129, 1985	<input type="checkbox"/>
	3	ROBERT CUMMINGS ET AL., UNITED STATES DEPARTMENT OF AGRICULTURE, OIL CROPS-SITUATION AND OUTLOOK REPORT, PP. 1-43, 1989	<input type="checkbox"/>
	4	CRAIG COON ET AL., SOYBEAN UTILIZATION ALTERNATIVES-UNIVERSITY OF MINNESOTA, THE EFFECT OF OLIGOSACCHARIDES ON THE NUTRITIVE VALUE OF SOYBEAN MEAL, PP. 203-211, 1988	<input type="checkbox"/>
	5	N. R. REDDY ET AL., FLATULENCE IN RATS FOLLOWING INGESTION OF COOKED AND GERMINATED BLACK GRAM AND A FERMENTED PRODUCT OF BLACK GRAM AND RICE BLEND, JOURNAL OF FOOD SCIENCE, PP. 1161-1164, 1980	<input type="checkbox"/>
	6	L. M. POTTER ET AL., DIGESTIBILITY OF THE CARBOHYDRATE FRACTION OF SOYBEAN MEAL BY POULTRY, WORLD SOYBEAN RESEARCH CONFERENCE III, PP. 218-224, 1984	<input type="checkbox"/>
	7	EDWIN L. MURPHY ET AL., FRACTIONATION OF DRY BEAN EXTRACTS WHICH INCREASE CARBON DIOXIDE EGESTION IN HUMAN FLATUS, J. AGR. FOOD CHEM., VOL. 20(4):813-817, 1972	<input type="checkbox"/>
	8	H. RUTLOFF ET AL., DIE INTESTINAL-ENZYMATISCHE SPALTUNG VON GALAKTO-OLIGOSACCHARIDEN IM DARM VON TIER UND MENSCH MIT BESONDERER BERÜCKSICHTIGUNG VON LACTOBACILLUS BIFIDUS 2. MITT. ZUM INTESTINALEN VERHALTEN DER LACTULOSE, DIE NAHRUNG II, PP. 39-46, 1967	<input type="checkbox"/>
	9	RICHARD GITZEL MANN ET AL., THE HANDLING OF SOYA ALPHA-GALACTOSIDES BY A NORMAL AND GALACTOSEMIC CHILD, PEDIATRICS, VOL. 36(2):231-235, 8/1965	<input type="checkbox"/>
	10	JEFF J. DOYLE ET AL., THE GLYCOSYLATED SEED STORAGE PROTEINS OF GLYCINE MAX AND PHASEOLUS VULGARIS, THE JOURNAL OF BIOLOGICAL CHEMISTRY, VOL. 261(20):9228-9238, 1986	<input type="checkbox"/>
	11	JERRY L. SLIGHTOM ET AL., COMPLETE NUCLEOTIDE SEQUENCE OF A FRENCH BEAN STORAGE PROTEIN GENE: PHASEOLIN, PROC. NATL. ACAD. SCI., VOL. 80:1897-1901, 4/1983	<input type="checkbox"/>

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	12	V. RABOY ET AL., VARIATION IN SEED TOTAL PHOSPHORUS, PHYTIC ACID, ZINC, CALCIUM, MAGNESIUM, AND PROTEIN AMONG LINES OF GLYCINE MAX AND G. SOJA1, CROP SCIENCE, VOL. 24(3):431-434, 1984	<input type="checkbox"/>
	13	JAN PEN ET AL., PHYTASE-CONTAINING TRANSGENIC SEEDS AS A NOVEL FEED ADDITIVE FOR IMPROVED PHOSPHORUS UTILIZATION, BIO/TECHNOLOGY, VOL. 11:811-814, 7/11/1993	<input type="checkbox"/>
	14	R. N. BEACHY ET AL., ACCUMULATION AND ASSEMBLY OF SOYBEAN BETA-CONGLYCININ IN SEEDS OF TRANSFORMED PETUNIA PLANTS, THE EMBO JOURNAL, VOL. 4(12):3047-3053, 1985	<input type="checkbox"/>
	15	CHAMPA SENGUPTA-GOPALAN ET AL., DEVELOPMENTALLY REGULATED EXPRESSION OF THE BEAN BETA-PHASEOLIN GENE IN TOBACCO SEED, PROC. NATL. ACAD. SCI., VOL. 82:3320-3324, 5/1985	<input type="checkbox"/>
	16	MARGARET DEAN JOHNSON, THE ARABIDOPSIS THALIANA MYO-INOSITOL 1-PHOSPHATE SYNTHASE (EC 5.5.1.4)1, PLANT GENE REGISTER, PLANT PHYSIOL., VOL. 105:1023-1024, 1994	<input type="checkbox"/>
	17	K. DIANE JOFUKU ET AL., KUNITZ TRYPSIN INHIBITOR GENES ARE DIFFERENTIALLY EXPRESSED DURING THE SOYBEAN LIFE CYCLE AND IN TRANSFORMED TOBACCO PLANTS, THE PLANT CELL, VOL. 1:1079-1093, 11/1989	<input type="checkbox"/>
	18	K. DIANE JOFUKU ET AL., A FRAMESHIFT MUTATION PREVENTS KUNITZ TRYPSIN INHIBITOR mRNA ACCUMULATION IN SOYBEAN EMBRYOS, THE PLANT CELL, VOL. 1:427-435, 4/1989	<input type="checkbox"/>
	19	VICTOR RABOY, 5. BIOCHEMISTRY AND GENETICS OF PHYTIC ACID SYNTHESIS, INOSITOL METABOLISM IN PLANTS, PP. 55-76, 1990	<input type="checkbox"/>
	20	M. R. SPIVEY FOX ET AL., ANTNUTRITIVE EFFECTS OF PHYTATE AND OTHER PHOSPHORYLATED DERIVATIVES, NUTRITIONAL TOXICOLOGY, VOL. III:59-96, 1989	<input type="checkbox"/>
	21	MANABU ISHITANI ET AL., COORDINATE TRANSCRIPTIONAL INDUCTION OF MYO-INOSITOL METABOLISM DURING ENVIRONMENTAL STRESS, THE PLANT JOURNAL, VOL. 9(4):537-548, 1996	<input type="checkbox"/>
	22	E. CRISTOFARO ET AL., INVOLVEMENT OF THE RAFFINOSE FAMILY OF OLIGOSACCHARIDES IN FLATULENCE, SUGARS IN NUTRITION, CHAPTER 20, PP. 313-335, 1974	<input type="checkbox"/>

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	24	FRANK A. LOEWUS, 2. INOSITOL BIOSYNTHESIS, INOSITOL METABOLISM IN PLANTS, PP. 13-19, 1990	<input type="checkbox"/>
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